Name: Date:

Exam: Function Reflections (practice version 1)

For all questions on this page, the functions f, g, and h defined by the table below.

x	$f(x)$	$g(x)$	$h(x)$
1	5	7	9
2	7	1	6
3	3	8	7
4	9	5	2
5	2	6	8
6	1	3	4
7	8	4	5
8	4	9	1
9	6	2	3

Q1. Evaluate $h(2)$.

$$h(2) = 6$$

Q2. Evaluate $g^{-1}(7)$.

$$g^{-1}(7) = 1$$

Q3. By filling more rows of the table, it is possible to make function f **even**. If that were done, what would be the value of $f(-5)$?

If function f is even, then

$$f(-5) = 2$$

Q4. By filling more rows of the table, it is possible to make function h **odd**. If that were done, what would be the value of $h(-9)$?

If function h is odd, then

$$h(-9) = -3$$